

We claim:

1. A mop comprising:

5 a handle including an upper end, a lower end and a portion adapted to hold a fluid;

a mop head disposed near the lower end of the handle, the mop head including a cleaning member;

10 one or more openings in communication with the portion of the handle adapted to hold the fluid;

a first actuator associated with the mop to cause the mop head to compress a portion of the cleaning member; and

a second actuator adapted to cause the fluid to be released through the one or more openings.

15 2. The mop of claim 1, further comprising a transparent window disposed on the handle for viewing the fluid.

3. The mop of claim 1, further comprising an opening disposed on a surface of the handle adapted to accept the fluid.

20 4. The mop of claim 3, further comprising a cap adapted to cover the opening.

5. The mop of claim 4, wherein a sidewall of the cap comprises at least one depression for gripping the cap.

6. The mop of claim 1, wherein the portion adapted to hold the fluid comprises a cavity within the handle in communication with the lower end of the handle.

7. The mop of claim 1, wherein a tube connects the portion adapted to hold the fluid with the one or more openings.

8. The mop of claim 1, further comprising a valve disposed between the portion to hold the fluid and the one or more openings.

5 9. The mop of claim 8, wherein the first actuator is adapted to open and close the valve.

10. The mop of claim 1, further comprising a disposable cleaning member adapted to be releasably secured to the mop head over the cleaning member.

10 11. The mop of claim 10, wherein the disposable cleaning member is releasably secured directly to the mop through at least one securement structure in the mop head.

12. The mop of claim 10, wherein the disposable cleaning member is releasably secured to the mop through an attachment selected from the group consisting of clips, pins, and hook and loop arrangements.

15 13. The mop of claim 10, wherein the mop is capable of being used without the disposable cleaning member.

14. The mop of claim 1, further comprising a reusable cleaning member to be releasably secured to the mop head over the cleaning member.

20 15. The mop of claim 1, further comprising a hinged platen disposed on the mop head and underlying the cleaning member.

16. The mop of claim 15, wherein the cleaning member is attached to the hinged platen by an attachment selected from the group consisting of a hook and loop arrangement, slides and screws.

17. The mop of claim 1, further comprising rollers disposed on the mop head for wringing the mop.

18. The mop of claim 1, wherein the cleaning member is a sponge.

19. The mop of claim 1, further comprising a scrubber disposed near the lower
5 end of the handle.

20. The mop of claim 19, wherein the scrubber comprises an abrasive surface.

21. The mop of claim 19, wherein the scrubber comprises a brush.

22. A mop comprising:

a handle including an upper end and a lower end;

10 a mop head disposed near the lower end of the handle, the mop head adapted for releasable securement of a first cleaning member;

a second cleaning member adapted to be releasably secured to the mop head in the absence of the first cleaning member;

an actuator associated with the mop to cause the mop head to compress a portion
15 of at least one of the first and second cleaning members.

23. The mop of claim 22, wherein the first cleaning member is a sponge.

24. The mop of claim 22, wherein the second cleaning member is a disposable
pad.

25. The mop of claim 22, wherein the second cleaning member is releasably
20 secured to the mop through at least one securement structure in the mop head.

26. The mop of claim 22, wherein the second cleaning member is releasably secured to the mop through an attachment selected from the group consisting of clips, pins, and hook and loop arrangements.

27. The mop of claim 22, wherein the mop is capable of being used without the second cleaning member.
28. The mop of claim 22, wherein the second cleaning member is reusable.
29. The mop of claim 22, wherein the second cleaning member is reversible.
- 5 30. The mop of claim 22 further comprising a pre-moistened cleaning member adapted to be releasably secured directly to the mop head in the absence of the first cleaning member and the second cleaning member or over the first cleaning member when the first cleaning member is secured to the mop head.
- 10 31. The mop of claim 22, wherein the handle comprises a portion adapted to hold a fluid.
32. The mop of claim 31, wherein the portion adapted to hold the fluid comprises a cavity within the handle in communication with the lower end of the handle.
33. The mop of claim 31, further comprising one or more openings in communication with the portion of the handle adapted to hold the fluid, the one or more
- 15 openings capable of releasing the fluid.
34. The mop of claim 33, wherein a tube connects the portion adapted to hold the fluid with the one or more openings.
35. The mop of claim 33, further comprising a valve disposed between the portion to hold the fluid and the one or more openings.
- 20 36. The mop of claim 31, further comprising an actuator disposed on the handle and adapted to cause release of the fluid.
37. The mop of claim 31, further comprising a transparent window disposed on the handle for viewing the fluid.

38. The mop of claim 31, further comprising an opening disposed on a surface of the handle adapted to accept the fluid.
39. The mop of claim 38, further comprising a cap adapted to cover the opening.
- 5 40. The mop of claim 22, further comprising a hinged platen disposed on the mop head and underlying the first cleaning member.
41. The mop of claim 40, wherein the first cleaning member is releasably securable to the hinged platen by an attachment selected from the group consisting of a hook and loop arrangement, a slide and a screw.
- 10 42. The mop of claim 22, further comprising rollers disposed on the mop head.
43. The mop of claim 22, further comprising a scrubber disposed near the lower end of the handle.
44. The mop of claim 43, wherein the scrubber comprises an abrasive surface.
- 15 45. The mop of claim 43, wherein the scrubber comprises a brush.
46. A mop capable of operating in a plurality of different modes comprising:
a handle including an upper end and a lower end;
a mop head disposed near the lower end of the handle;
an actuator adapted to cause compression of a portion of a cleaning member, in
20 which the cleaning member is releasably secured to the mop head; and
wherein the mop is capable of operating in one of a first mode in which the cleaning member is constructed of a sponge-like material, a second mode in which a pre-

moistened cleaning member is secured to the mop head, and a third mode in which a dry cleaning member is secured to the mop head.

47. The mop of claim 46, wherein the handle comprises a portion adapted to hold a fluid.

5 48. The mop of claim 47, wherein the portion adapted to hold the fluid comprises a cavity within the handle in communication with the lower end of the handle.

49. The mop of claim 47, further comprising one or more openings in communication with the portion of the handle adapted to hold the fluid, the one or more openings capable of releasing the fluid.

10 50. The mop of claim 49, wherein a tube connects the portion adapted to hold the fluid with the one or more openings.

51. The mop of claim 49, further comprising a valve disposed between the portion to hold the fluid and the one or more openings.

15 52. The mop of claim 47, further comprising an actuator disposed on the handle and adapted to cause release of the fluid.

53. The mop of claim 47, further comprising a transparent window disposed on the handle for viewing the fluid.

54. The mop of claim 47, further comprising an opening disposed on a surface of the handle adapted to accept the fluid.

20 55. The mop of claim 54, further comprising a cap adapted to cover the opening.

56. The mop of claim 46, wherein at least one of the first, second and third cleaning members is disposable.

57. The mop of claim 46, wherein the second cleaning member or the third cleaning member is releasably secured to the mop through at least one securement structure in the mop head.

58. The mop of claim 46, wherein the second cleaning member or the third
5 cleaning member is releasably secured to the mop through an attachment selected from the group consisting of clips, pins, and hook and loop arrangements.

59. The mop of claim 46, wherein at least one of the first, second or third cleaning members is reusable.

60. The mop of claim 46, wherein at least one of the first, second or third
10 cleaning members is reversible.

61. The mop of claim 46, further comprising a hinged platen disposed on the mop head.

62. The mop of claim 61, wherein at least one of the first, second or third cleaning members is releasably securable to the hinged platen by an attachment selected
15 from the group consisting of a hook and loop arrangement, a slide and a screw.

63. The mop of claim 46, further comprising rollers disposed on the mop head.

64. The mop of claim 46, further comprising a scrubber disposed near the lower end of the handle.

20 65. The mop of claim 64, wherein the scrubber comprises an abrasive surface.

66. The mop of claim 64, wherein the scrubber comprises a brush.

67. A mop comprising:

a handle including an upper end and a lower end and a portion adapted to hold a fluid, the portion of the handle including an opening;

a mop head disposed near the lower end of the handle, the mop head including a cleaning member; and

5 a valve assembly within the handle for releasing the fluid from the opening in the portion of the handle, the valve assembly including a valve that, in a closed position, covers the opening in the portion of the handle, wherein the valve is movable to an open position to uncover the opening.

68. The mop of claim 67, wherein the valve assembly further comprises a first
10 O-ring.

69. The mop of claim 68, wherein the handle comprises a substantially uniform cross-section.

69. The mop of claim 67, wherein the valve assembly further comprises a hollow valve body including an annular shoulder.

15 70. The mop of claim 69, wherein the valve body comprises one or more apertures.

71. The mop of claim 69, further comprising a sleeve positioned over the hollow valve body.

72. The mop of claim 67, further comprising a barbed fitting in
20 communication with the valve assembly.

73. The mop of claim 67, further comprising a flexible tube in communication with one or more openings for releasing the fluid.

74. The mop of claim 67, wherein the valve assembly further comprises a lever arm.
75. The mop of claim 67, further comprising an actuator for opening the valve assembly and releasing the fluid through the one or more openings.
- 5 76. The mop of claim 75, wherein the actuator is associated with the valve assembly through a rod.
77. The mop of claim 75, wherein the actuator is a trigger.
78. The mop of claim 75, wherein the actuator is a button.
79. The mop of claim 67, further comprising an actuator for causing the mop
10 head to compress the cleaning member.
80. A mop comprising:
- a handle including an upper end, a lower end and a portion adapted to hold a fluid; wherein the portion adapted to hold the fluid does not include a removable container;
- 15 an opening disposed on a surface of the upper end of the handle for pouring fluid into the handle;
- a mop head disposed near the lower end of the hollow handle, the mop head including a cleaning member; and
- one or more openings in communication with the portion of the handle adapted to hold the fluid, the one or more openings capable of releasing the fluid.
- 20 81. The mop of claim 80, wherein the portion adapted to hold the fluid is a cavity within the handle.

82. The mop of claim 80, further comprising a valve assembly for releasing the fluid through the one or more openings.

82. The mop of claim 83, wherein the valve assembly comprises an O-ring.

83. The mop of claim 82, wherein the valve assembly further comprises a
5 hollow valve body including an annular shoulder.

84. The mop of claim 83, wherein the valve body comprises one or more apertures.

85. The mop of claim 82, further comprising a sleeve positioned over the hollow valve body.

10 86. The mop of claim 82, further comprising a barbed fitting in communication with the valve assembly.

87. The mop of claim 80, further comprising a flexible tube in communication with the one or more openings.

88. The mop of claim 82, further comprising an actuator for opening the valve
15 assembly and releasing the fluid through the one or more openings.

89. The mop of claim 80 further comprising an actuator for causing the mop head to compress a portion of the cleaning member.

90. The mop of claim 80, wherein the handle comprises a substantially uniform cross-section.

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